**Index of Claims** 

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| App | lication | /Contro | I No. |
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10/016,506

Examiner

PAWLIKOWSKI ET AL.

Reexamination

Applicant(s)/Patent under

Art Unit

3626

Vivek D. Koppikar

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(Through numeral) Cancelled

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| Te   10   1  |  |          |         |          |                                |          |                |          |          |            |          |
| 1 R  | Cla  | im       | Date    |          |                                |          |                |          |          |            |          |
| 1 R  | Final  | Original | 2/19/05 |          |                                |          |                |          |          |            |          |
| 2 R  |  |          | Ė       |          |                                | _        |                | _        |          |            | H        |
| 4       R         5       R         6       R         7       R         8       R         9       R         10       R         11       R         12       R         13       R         14       R         15       R         16       R         17       R         20       R         21       R         22       R         23       R         24       R         25       R         26       R         27       R         28       R         29       R         30       R         31       R         32       R         33       R         34       R         35       R         36       R         37       R         38       R         39       R         40       R         41       R         42       R         43       R <th></th> <th>-</th> <th>R</th> <th>-</th> <th>_</th> <th></th> <th>Н</th> <th></th> <th>_</th> <th></th> <th>Н</th>   |  | -        | R       | -        | _                              |          | Н              |          | _        |            | Н        |
| 4       R         5       R         6       R         7       R         8       R         9       R         10       R         11       R         12       R         13       R         14       R         15       R         16       R         17       R         20       R         21       R         22       R         23       R         24       R         25       R         26       R         27       R         28       R         29       R         30       R         31       R         32       R         33       R         34       R         35       R         36       R         37       R         38       R         39       R         40       R         41       R         42       R         43       R <th></th> <th>3</th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th><math>\vdash</math></th>  |  | 3        |         |          |                                |          |                |          |          |            | $\vdash$ |
| 6 R 7 R 8 8 R 9 R 9 R 9 R 9 R 9 R 9 R 9 R 9 R  | $\vdash$   | 4        |         |          |                                |          | $\vdash$       | _        |          | -          |          |
| 6 R 7 R 8 8 R 9 R 9 R 9 R 9 R 9 R 9 R 9 R 9 R  |  | 5        | R       | _        |                                |          |                |          |          |            | $\vdash$ |
| 7 R 8 R 9 R 9 R 9 R 9 R 9 R 9 R 9 R 9 R 9  |  | 6        |         |          |                                |          | $\vdash$       |          |          | -          | Н        |
| 8 R 9 R 9 R 9 R 9 R 9 R 9 R 9 R 9 R 9 R  |  | 7        |         |          |                                |          |                |          |          |            |          |
| 9 R 10 R 11 R 12 R 13 R 14 R 15 R 16 R 17 R 18 R 19  |  |          |         |          |                                |          | $\vdash$       |          |          |            |          |
| 10 R   |  | 9        | R       |          |                                |          |                |          |          |            |          |
| 11 R   |  | 10       | R       |          |                                |          |                |          |          |            |          |
| 18       R         19       R         20       R         21       R         22       R         23       R         24       R         25       R         26       R         27       R         28       R         29       R         30       R         31       R         32       R         33       R         34       R         35       R         36       R         37       R         38       R         39       R         40       R         41       R         42       R         43       R         44       R         45       R         46       R         47       R         48       R         49       R  |  | 11       | R       |          |                                |          |                |          |          |            |          |
| 18       R         19       R         20       R         21       R         22       R         23       R         24       R         25       R         26       R         27       R         28       R         29       R         30       R         31       R         32       R         33       R         34       R         35       R         36       R         37       R         38       R         39       R         40       R         41       R         42       R         43       R         44       R         45       R         46       R         47       R         48       R         49       R  |  | 12       |         |          |                                |          |                |          |          |            |          |
| 18       R         19       R         20       R         21       R         22       R         23       R         24       R         25       R         26       R         27       R         28       R         29       R         30       R         31       R         32       R         33       R         34       R         35       R         36       R         37       R         38       R         39       R         40       R         41       R         42       R         43       R         44       R         45       R         46       R         47       R         48       R         49       R  |  | 13       |         |          |                                |          |                |          |          | L.,        | Ш        |
| 18       R         19       R         20       R         21       R         22       R         23       R         24       R         25       R         26       R         27       R         28       R         29       R         30       R         31       R         32       R         33       R         34       R         35       R         36       R         37       R         38       R         39       R         40       R         41       R         42       R         43       R         44       R         45       R         46       R         47       R         48       R         49       R  |  | 14       |         |          |                                |          | _              |          |          | _          | Щ        |
| 18       R         19       R         20       R         21       R         22       R         23       R         24       R         25       R         26       R         27       R         28       R         29       R         30       R         31       R         32       R         33       R         34       R         35       R         36       R         37       R         38       R         39       R         40       R         41       R         42       R         43       R         44       R         45       R         46       R         47       R         48       R         49       R  |  | 15       |         | _        | _                              | _        |                |          | _        |            | Ш        |
| 18       R         19       R         20       R         21       R         22       R         23       R         24       R         25       R         26       R         27       R         28       R         29       R         30       R         31       R         32       R         33       R         34       R         35       R         36       R         37       R         38       R         39       R         40       R         41       R         42       R         43       R         44       R         45       R         46       R         47       R         48       R         49       R  |  | 16       |         |          |                                |          |                |          |          | L          | Ш        |
| 20 R 21 R 22 R 23 R 24 R 25 R 26 R 27 R 28 R 29 R 20   |  | 17       |         | <u> </u> |                                |          |                |          |          | <u> </u>   | Ш        |
| 20 R 21 R 22 R 23 R 24 R 25 R 26 R 27 R 28 R 29 R 20   | <u> </u>   | 18       | R       |          |                                | _        | <u> </u>       |          |          | <u> </u>   | Щ        |
| 22 R   | <u> </u>   | 19       |         | <u> </u> | L                              |          | L              |          | _        | <u> </u> _ | Н        |
| 22 R   | <u> </u>   | 20       | I K     | _        |                                | _        | <u> </u>       |          |          |            | Н        |
| 23 R 24 R 25 R 25 R 26 R 27 R 28 R 29 R 29 R 20 R 20 R 20 R 20 R 20 R 20   | -  | 21       |         | <u> </u> | <del> </del>                   |          |                |          |          | -          | Н        |
| 25 R   |  | 22       |         | $\vdash$ | $\vdash$                       |          | $\vdash$       |          |          |            | -        |
| 25 R   | ├─   | 24       |         |          | $\vdash$                       |          |                |          | <u> </u> | -          | -        |
| 26 R   | $\vdash$   | 25       |         | $\vdash$ | -                              |          | -              |          |          | <u> </u>   | $\vdash$ |
| 28 R 29 R 30 R 31 R 32 R 33 R 34 R 35 R 36 R 37 R 38 R 39 R 40 R 41 R 42 R 42 R 43 R 44 R 45 R 46 R 47 R 48 R 49 R   | $\vdash$   | 26       |         | $\vdash$ | Н                              | _        | <u> </u>       |          | _        | -          | Н        |
| 28 R 29 R 30 R 31 R 32 R 33 R 34 R 35 R 36 R 37 R 38 R 39 R 40 R 41 R 42 R 42 R 43 R 44 R 45 R 46 R 47 R 48 R 49 R   |  | 27       | R       | H        |                                |          |                |          |          |            | Н        |
| 29 R 30 R 31 R 32 R 33 R 34 R 35 R 36 R 37 R 38 R 39 R 40 R 41 R 42 R 42 R 44 R 45 R 46 R 47 R 48 R 49 R   |  | 28       |         |          |                                |          |                |          |          |            | П        |
| 30 R 31 R 32 R 32 R 33 R 34 R 35 R 36 R 37 R 38 R 39 R 40 R 41 R 42 R 42 R 43 R 44 R 45 R 46 R 47 R 48 R   |  | 29       | R       |          |                                |          | Г              |          |          |            | П        |
| 33 R<br>34 R<br>35 R<br>36 R<br>37 R<br>38 R<br>39 R<br>40 R<br>41 R<br>42 R<br>43 R<br>44 R<br>45 R<br>46 R<br>47 R<br>48 R   |  | 30       |         |          |                                |          |                |          |          |            |          |
| 33 R<br>34 R<br>35 R<br>36 R<br>37 R<br>38 R<br>39 R<br>40 R<br>41 R<br>42 R<br>43 R<br>44 R<br>45 R<br>46 R<br>47 R<br>48 R   |  | 31       | R       |          |                                |          |                |          |          |            |          |
| 33 R<br>34 R<br>35 R<br>36 R<br>37 R<br>38 R<br>39 R<br>40 R<br>41 R<br>42 R<br>43 R<br>44 R<br>45 R<br>46 R<br>47 R<br>48 R   |  | 32       |         |          |                                |          |                |          |          |            |          |
| 35 R 36 R 37 R 38 R 39 R 40 R 41 R 42 R 44 R 45 R 46 R 47 R 48 R 49 R  |  | 33       |         |          | $oxedsymbol{oxedsymbol{oxed}}$ | <u> </u> | <u> </u>       |          |          | L          | Ш        |
| 36 R 37 R 38 R 39 R 40 R 41 R 42 R 44 R 45 R 46 R 47 R 48 R 49 R   | ļ  |          |         | <u> </u> | Ш                              | <u> </u> | <u> </u>       | <u> </u> |          | L_         | Ш        |
| 37 R 38 R 39 R 40 R 41 R 42 R 43 R 44 R 45 R 46 R 47 R 48 R 49 R   | <u> </u>   |          | -       | <u> </u> | <u> </u>                       |          | ļ              | <u> </u> | <u> </u> |            | Щ        |
| 38 R 39 R 40 R 41 R 42 R 43 R 44 R 45 R 46 R 47 R 48 R 49 R  | <u> </u>   | 36       |         | <u> </u> |                                | _        |                |          | _        | _          | Н        |
| 39 R   | <u> </u>   |          |         | $\vdash$ | -                              |          | <u> </u>       | -        | <u> </u> | $\vdash$   | H        |
| 40 R<br>41 R<br>42 R<br>43 R<br>44 R<br>45 R<br>46 R<br>47 R<br>48 R   | <u> </u>   | 38       |         | $\vdash$ | $\vdash$                       |          | <u> </u>       |          | ┝        |            | Н        |
| 41 R   | <u> </u>   |          |         | $\vdash$ | -                              |          | <del>  -</del> |          | ┝        | -          | Н        |
| 42 R   |  |          |         | ├        | $\vdash$                       |          |                |          | -        |            | Н        |
| 43 R<br>44 R<br>45 R<br>46 R<br>47 R<br>48 R<br>49 R   | <u> </u>   | _        | -       | $\vdash$ | $\vdash$                       |          | -              | -        |          | -          | Н        |
| 44 R   | <del>                                     </del> |          |         |          | $\vdash$                       |          | <del> </del>   |          | ┢        | 一          | Н        |
| 45 R<br>46 R<br>47 R<br>48 R<br>49 R   | $\vdash$   |          | -       | $\vdash$ | $\vdash$                       | $\vdash$ | $\vdash$       | _        | ┢        | $\vdash$   | Н        |
| 46 R<br>47 R<br>48 R<br>49 R   | $\vdash$   |          | _       | ┢        | $\vdash$                       | -        |                | Н        | H        | $\vdash$   | Н        |
| 47 R<br>48 R<br>49 R   |  |          | -       | $\vdash$ | $\vdash$                       | _        | T              | П        |          | Т          | Н        |
| 48 R   |  |          | +       | Г        | Г                              |          | Ι              |          | Г        |            | П        |
|  |  |          | -       |          |                                |          |                |          |          |            |          |
| 50 R   |  |          | R       |          |                                |          | L              |          |          |            |          |
|  |  |          | R       |          |                                |          |                |          |          |            |          |

| Cla      | im   | Date     |          |              |          |          |          |          |              |          |  |
|----------|--|----------|----------|--------------|----------|----------|----------|----------|--------------|----------|--|
|          |  |          |          |              |          |          |          |          |              |          |  |
| Final    | Original   | 12/19/05 |          |              |          |          |          |          |              |          |  |
| -        | 51<br>52<br>53   | R        | $\vdash$ |              | _        | _        |          |          |              | <u> </u> |  |
|          | 52   |          |          |              | _        |          |          |          | -            |          |  |
|          | 53   |          |          |              | _        | -        |          | _        |              | $\vdash$ |  |
|          | 54   | _        | H        |              | _        | _        | _        |          |              | $\vdash$ |  |
|          | 55   |          | H        | _            |          |          |          | -        | -            |          |  |
| -        | 54<br>55<br>56   |          | $\vdash$ |              | _        |          | _        |          |              | -        |  |
|          | 57   |          |          |              |          | $\vdash$ |          |          |              | $\vdash$ |  |
|          | 58   |          | _        |              | _        |          |          |          |              | _        |  |
|          | 59   |          | -        |              |          | -        |          |          |              | $\vdash$ |  |
|          | 60   |          |          |              |          | _        | _        |          |              |          |  |
|          | 60<br>61   |          |          |              |          |          | _        |          |              | $\vdash$ |  |
|          | 62   |          |          |              |          |          |          |          |              |          |  |
|          | 62<br>63   |          |          |              | П        |          | · · · ·  |          | П            | $\Box$   |  |
|          | 64   |          |          |              |          |          |          |          |              |          |  |
|          | 65<br>66   |          | _        |              |          |          |          |          |              |          |  |
|          | 66   |          |          |              |          |          |          |          |              |          |  |
|          | 67   |          |          |              |          |          |          |          |              |          |  |
|          | 68   |          |          |              |          |          |          |          |              |          |  |
|          | 69   |          |          |              |          |          |          |          |              |          |  |
|          | 70   |          |          |              |          |          |          |          |              |          |  |
|          | 71   | L        |          |              |          |          |          |          |              |          |  |
|          | 72   |          |          |              |          |          |          |          |              |          |  |
|          | 73   |          |          |              |          | _        |          |          |              | _        |  |
|          | 68<br>69<br>70<br>71<br>72<br>73<br>74<br>75<br>76<br>77 | L        |          |              |          |          |          | <u> </u> |              | _        |  |
|          | 75   | <u> </u> | _        | _            | _        |          |          | _        | L            |          |  |
| -        | 77   | <u> </u> | -        |              | _        | _        |          | <u> </u> | -            |          |  |
| -        | 70   | ┝        |          |              |          |          | _        | ┝        |              |          |  |
| -        | 79   |          |          | -            |          |          |          | $\vdash$ | $\vdash$     |          |  |
| -        | 80   | -        | H        |              |          |          |          |          |              |          |  |
|          | 81   | $\vdash$ | $\vdash$ |              | _        |          | $\vdash$ | -        |              |          |  |
|          | 81<br>82   |          |          |              |          |          |          | -        |              |          |  |
|          | 83   | $\vdash$ | Н        |              |          |          | -        | $\vdash$ |              | -        |  |
|          | 84   | $\vdash$ | Ι        | $\vdash$     |          | <u> </u> |          |          |              | <u> </u> |  |
|          | 84<br>85   |          | Г        |              | $\vdash$ | $\vdash$ | $\vdash$ |          |              |          |  |
| _        | 86   |          |          |              | -        | г        |          |          |              |          |  |
|          | 87   | Г        |          | T .          |          |          |          |          |              |          |  |
|          | 88   |          |          |              |          |          |          |          | T-           |          |  |
|          | 89<br>90   |          |          |              |          |          |          |          |              |          |  |
|          | 90   |          |          |              |          |          |          |          |              |          |  |
|          | 91   |          | L.       | $oxed{oxed}$ | Ш        | _        | L        | _        | <u> </u>     | <u> </u> |  |
|          | 92   |          | L        | <u> </u>     | <u> </u> | oxdot    | L_       | <u> </u> | L            | <u> </u> |  |
| <u> </u> | 93   | <u> </u> | _        | <u> </u>     |          |          |          | _        | <u> </u>     | <u> </u> |  |
| <u> </u> | 94   | <u> </u> | <u> </u> | <u> </u>     | <u> </u> | <u> </u> | $\vdash$ | <u> </u> | $\vdash$     | -        |  |
| <u> </u> | 95   | <u> </u> | ⊢        | H            | H        | <u> </u> | <b> </b> | <u> </u> | <u> </u>     | -        |  |
|          | 96<br>97   | ├        | $\vdash$ | $\vdash$     | $\vdash$ | $\vdash$ | $\vdash$ | $\vdash$ | $\vdash$     | $\vdash$ |  |
|          | 98   | $\vdash$ | $\vdash$ | $\vdash$     | $\vdash$ | -        | -        | -        | $\vdash$     | $\vdash$ |  |
| -        | 99   | $\vdash$ | ┢        |              | -        | _        | $\vdash$ | $\vdash$ | <del> </del> | ┢╾       |  |
|          | 100  | $\vdash$ | $\vdash$ | $\vdash$     |          |          | -        | $\vdash$ |              | $\vdash$ |  |
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| Claim  |  | Date   |          |          |          |          |          |          |          |                 |  |
|--|--|--|----------|----------|----------|----------|----------|----------|----------|-----------------|--|
|  |  |  |          |          |          |          |          |          |          |                 |  |
| ਰ  | Original   |  |          |          |          |          |          |          |          |                 |  |
| Final  | rigi   |  |          |          |          |          |          |          |          |                 |  |
| -  | 0  |  |          |          |          |          | İ        |          |          |                 |  |
|  | 101  | _  |          | -        |          | _        | ┢        |          | -        | П               |  |
|  | 102  |  |          | Н        | _        |          | $\vdash$ |          |          | Н               |  |
| <u> </u>   | 102  |  | -        | $\vdash$ |          | $\vdash$ | $\vdash$ |          | $\vdash$ | -               |  |
| <u> </u>   | 102<br>103<br>104  | $\vdash$   | $\vdash$ | $\vdash$ | -        | -        | -        |          | _        | H               |  |
| <del></del>                                      | 105  |  |          |          |          | -        | $\vdash$ | _        |          | $\vdash$        |  |
| -  | 105<br>106<br>107<br>108   | $\vdash$   |          |          | _        | ┝        | -        | _        |          |                 |  |
|  | 107  |  | -        | $\vdash$ |          | <u> </u> | H        | -        |          | Н               |  |
| <u> </u>   | 107  |  | $\vdash$ |          |          | -        | ├        |          | _        | Н               |  |
| <u> </u>   | 109  | $\vdash$   | $\vdash$ | $\vdash$ |          | $\vdash$ | ┝        |          | _        | Н               |  |
|  | 110  | _  |          |          |          |          | ┝        |          |          | Н               |  |
|  | 110  | -  |          | Н        |          | H        | <u> </u> |          | _        | Н               |  |
| <u> </u>   | 111  | <del> </del>                                     | ├-       | -        | -        | $\vdash$ | <u> </u> |          | <u> </u> | $\vdash\vdash$  |  |
| ļ  | 112  | $\vdash$   | <u> </u> |          | $\vdash$ | -        | -        |          | <u> </u> | Н               |  |
| <u> </u>   | 113  | _  | <u> </u> | $\vdash$ | Н        | <u> </u> | <u> </u> | Ь        |          | $\vdash \vdash$ |  |
|  | 113<br>114<br>115  | ļ  | <u> </u> | $\vdash$ |          | <u> </u> |          | <u> </u> |          |                 |  |
| <u> </u>   | 115  | <u> </u>   | $\vdash$ | $\vdash$ | Ш        | _        | <u> </u> | <u> </u> | <u> </u> |                 |  |
|  | 116  |  |          |          |          | _        | <u> </u> |          | L        | L               |  |
|  | 116<br>117<br>118<br>119   | <u> </u>   |          | <u> </u> | L_       |          | <u> </u> | Щ        | <u> </u> | $\square$       |  |
|  | 118  |  | L        | <u> </u> |          |          | L        |          |          | Щ               |  |
|  | 119  | L  | L_       |          | _        | _        | L.       | Ш        |          | Ш               |  |
|  | 1 120  | ļ  |          |          |          | <u> </u> |          | $\perp$  |          | Щ               |  |
|  | 121<br>122<br>123<br>124<br>125<br>126<br>127<br>128<br>129<br>130 |  |          |          |          |          | <u> </u> | <u>_</u> |          |                 |  |
|  | 122  |  | L.       |          |          |          | _        | L        |          | Ш               |  |
|  | 123  |  | <u> </u> |          |          | L_       |          | L        |          |                 |  |
|  | 124  |  |          |          |          | L        |          | L        |          | Ц               |  |
|  | 125  |  |          |          | _        |          | <u> </u> |          |          | Ш               |  |
|  | 126  |  |          |          |          | L        |          | _        |          | Ш               |  |
|  | 127  |  | <u> </u> |          |          |          |          |          |          |                 |  |
|  | 128  |  |          |          |          | <u> </u> | L        | L        |          | Ш               |  |
|  | 129  |  |          |          |          | <u> </u> | L        |          |          | Ш               |  |
|  | 130  |  | L.       |          |          |          |          |          |          |                 |  |
|  | 131  |  |          |          |          |          |          |          |          | Ш               |  |
|  | 132  |  |          |          |          |          |          |          | L        |                 |  |
|  | 132<br>133<br>134<br>135   |  |          |          |          |          |          |          |          | Ш               |  |
|  | 134  |  |          |          |          |          |          |          | L_       | Ш               |  |
|  | 135  |  |          |          |          |          | L        |          |          | Ш               |  |
|  | 136  |  |          |          |          |          |          |          |          | Ш               |  |
|  | 137  |  | L        | L        |          |          |          |          |          | $oxed{oxed}$    |  |
|  | 138  |  | L        |          |          |          |          |          |          |                 |  |
|  | 139  |  | L        |          |          |          |          |          |          |                 |  |
|  | 140  |  |          |          |          |          |          |          |          |                 |  |
|  | 141  |  |          |          |          |          |          | L        |          |                 |  |
|  | 142  |  |          |          |          |          |          |          |          |                 |  |
|  | 143  |  |          |          |          |          |          |          |          |                 |  |
|  | 144  |  | Π        |          | Г        |          |          | Г        |          | П               |  |
|  | 145  | İ  |          | Г        |          |          |          | Г        | <u> </u> | П               |  |
|  | 146  |  |          | Г        | Г        | Г        | $\Box$   |          |          | П               |  |
|  | 147  | <del>                                     </del> |          | Г        | Г        |          | Г        |          |          | П               |  |
|  | 148  | $\vdash$   |          | T        | <u> </u> | T        | Г        |          |          | П               |  |
| <del>                                     </del> | 149  | T  |          | T        | $\vdash$ | T        | Ι_       | Г        | <u> </u> | П               |  |
| <b> </b>   | 150  | <del>                                     </del> | t        | Т        | $\vdash$ | T        | Г        |          | T        | П               |  |
| 1  |  |  |          |          |          |          |          |          |          |                 |  |